

Chapter 3 – Emissions

Emissions in 1996 from architectural coatings, as estimated from the 1998 survey data, are about 36,300 tons of VOC per year, or about 100 tons per day. The emissions estimated from the 1998 survey are calculated by multiplying the weight of VOC in each coating by the coating volumes for each category, with the appropriate conversion factors. The emissions presented in these figures do not include emissions from thinning and clean-up associated with solvent-borne coatings, which are included in the ARB's emissions inventory for architectural coatings .

This section includes the following figures:

- Figure 3-1 shows the split between emissions from solvent-borne and water-borne coatings.
- Figure 3-2 depicts the top ten 1998 architectural coatings survey categories by emissions. The top ten emission categories account for about 76 percent of the total emissions, or about 27,600 tons per year.
- Figure 3-3 shows the emissions for all categories in tons per year.
- Figure 3-4 shows the solvent-borne and water-borne breakouts within each category.
- Figure 3-5 shows the data arranged in descending order by emissions.

NOTE: Figures 3-1 through 3-5 do not include emissions from thinning and clean-up. If they did, the solvent-borne portion of the emissions would be greater. For such information, the reader is referred to Chapter 8, Table 8-1 (1993 / 1998 Survey Comparisons).

Figure 3-1
Total Emissions
36,300 tons per year
(Solvent-Borne & Water-Borne breakout)

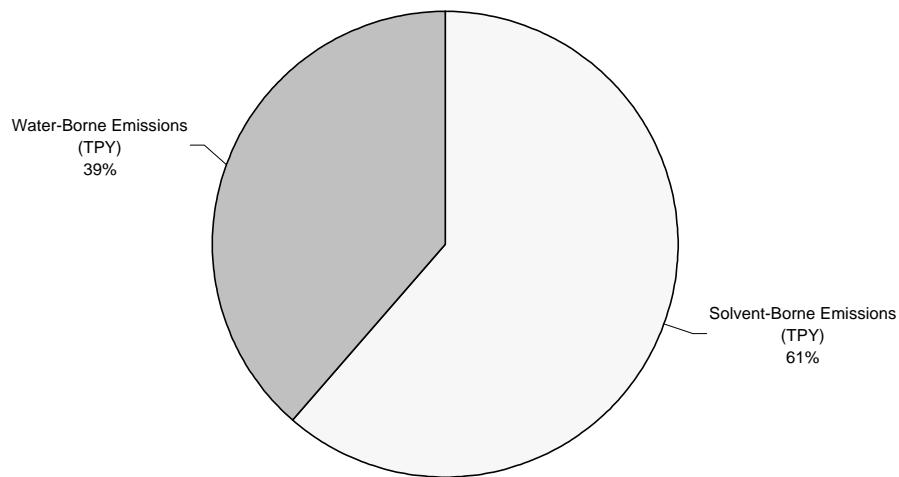


Figure 3-2
Top 10 Emission Categories
(Total Emissions = 36,300 TPY)

The Top 10 categories account for 76 % of total emissions or approximately 27,600 tons per year.

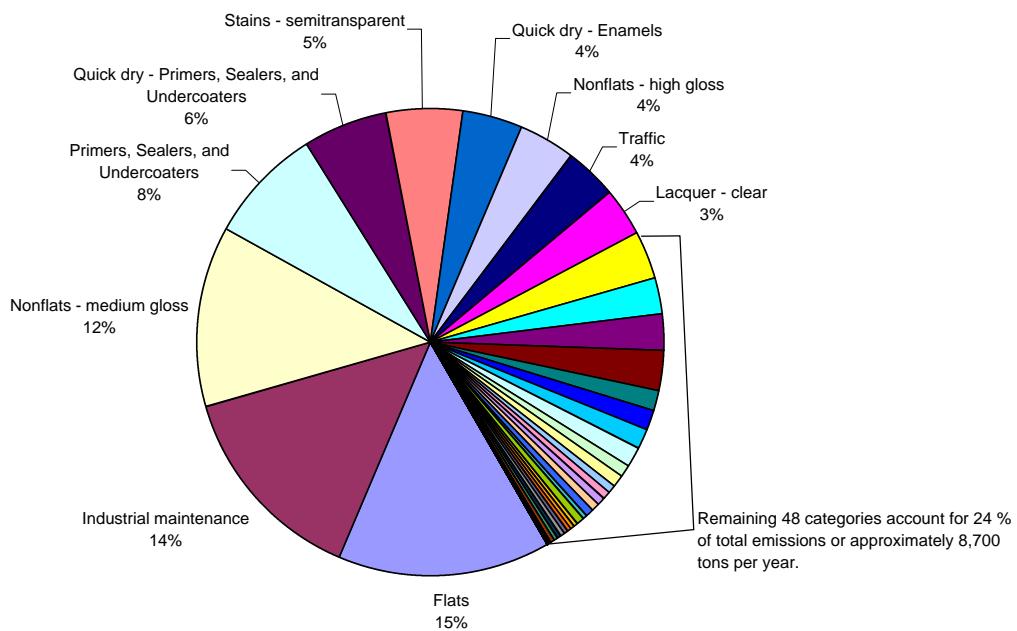


Figure 3-3
Total Emissions
by Category

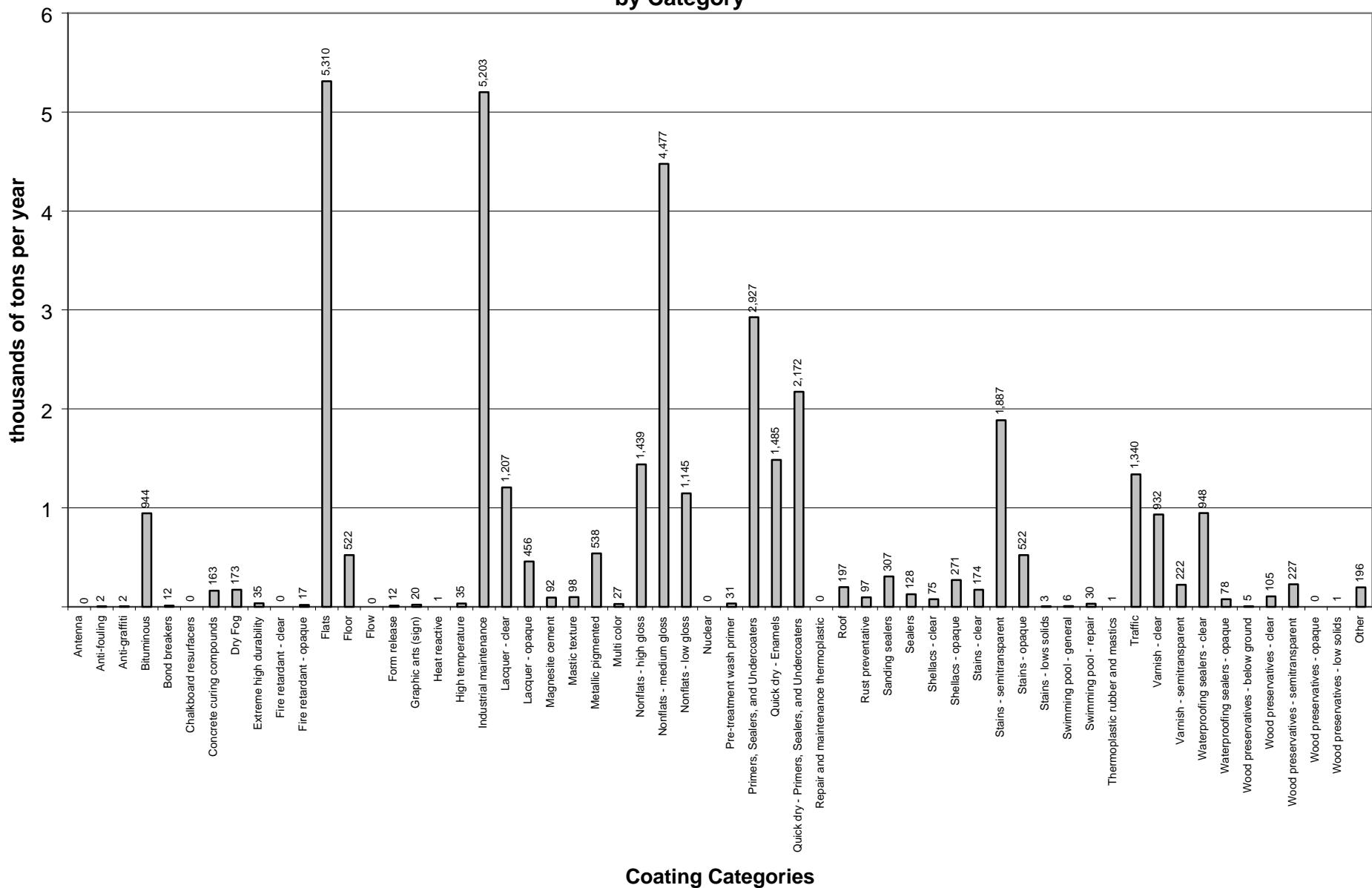


Figure 3-4
Total Emissions
by Category
(Solvent-Borne & Water-Borne breakout)

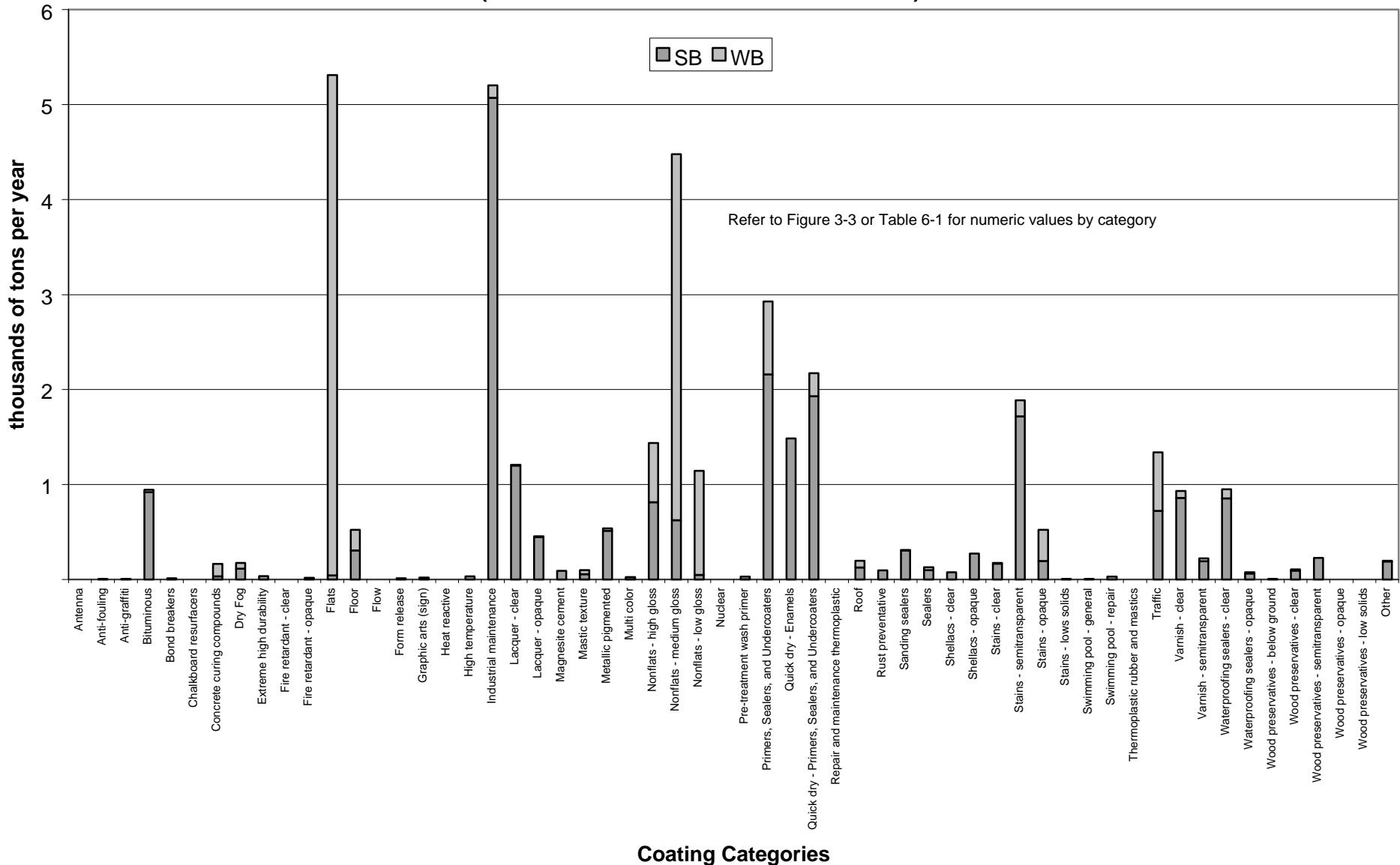
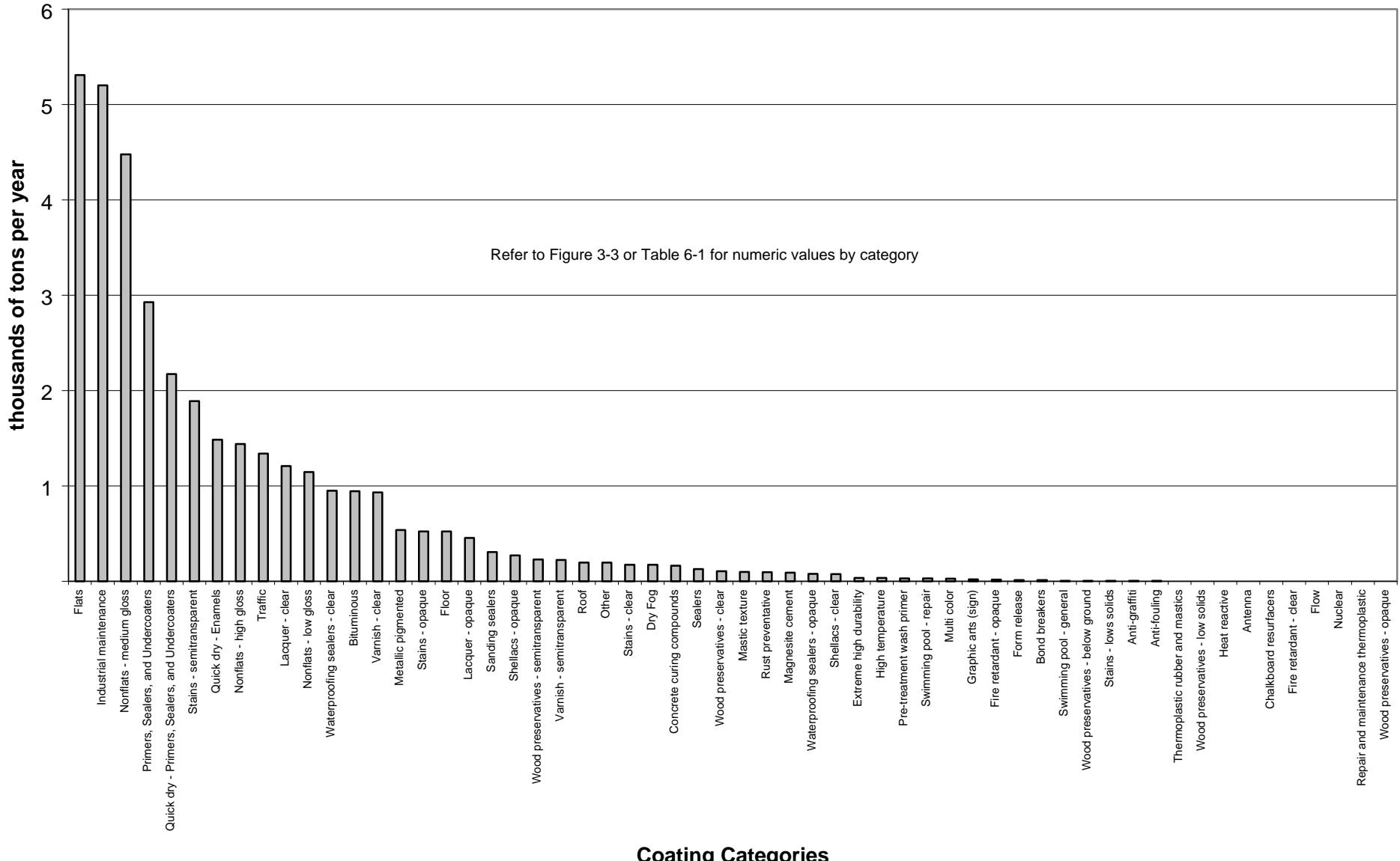


Figure 3-5
Total Emissions (Descending)
by Category



Coating Categories